

3 section;

4 said storage space having an opening, and storing a
5 printing sheet therein,

6 (b) a cover disposed to cover said opening and said
7 printing section of said main body,

8 said cover being installed to be freely opened and
9 closed at said main body, and

10 (c) a sheet cutting mechanism for cutting said printing
11 sheet,

12 said sheet cutting mechanism including a first sheet
13 cutting mechanism disposed on said cover and a second sheet
14 cutting mechanism disposed on said main body,

15 said a first sheet cutting mechanism and second sheet
16 cutting mechanism cutting said printing sheet.

1 7. (Newly Added) The printer of claim 6,
2 wherein said second sheet cutting mechanism installed
3 opposing said first sheet cutting,

4 said printing sheet stored in said storage space flows
5 said printing section, and

6 said printing sheet is cut by said first sheet cutting
7 mechanism and second sheet cutting mechanism.

1 8. (Newly Added) The printer of claim 6,
2 wherein said first sheet cutting mechanism is disposed
3 at an opening end of said cover.

1 9. (Newly Added) The printer of claim 6,
2 wherein said first sheet cutting mechanism has a
3 stationary blade fixed to said cover, and has a length longer than
4 the width of said printing paper,

5 said second sheet cutting mechanism has movable blade
6 movably disposed in said main body,

7 said stationary blade and said movable blade cut said
8 printing sheet, by moving of said movable blade.

1 10. (Newly Added) The printer of claim 9,
2 wherein said stationary blade is a strip shape having

3 longer length than a width of said printing sheet,
4 said printing sheet placed along said stationary blade,
5 said second sheet cutting mechanism has a standby
6 position which is placed at a side direction of said printing sheet,
7 when said movable blade is stood still, said movable
8 blade is placed at said standby position,
9 said movable blade is movably disposed along a length
10 direction of said stationary blade,
11 said movable blade moves along a side surface of said
12 stationary blade, while said printing sheet is place between said
13 movable blade and said stationary blade, and
14 said printing sheet is cut.

1 11. (Newly Added) The printer of claim 10,
2 wherein said movable blade is placed at a place
3 separated from an end of said stationary blade, when said movable
4 blade is stood still at said standby position.

1 12. (Newly Added) The printer of claim 11,
2 wherein said movable blade is placed at a place
3 separated from said side surface of said stationary blade, when said
4 movable blade is stood still at said standby position.

1 13. (Newly Added) The printer of claim 12,
2 wherein second sheet cutting mechanism further
3 includes a spring mechanism,
4 when said movable blade moves, said spring mechanism
5 pushes said movable blade to said side surface.

1 14. (Newly Added) The printer of claim 13,
2 wherein said main body further includes a slope,
3 said slope is disposed at a place opposing said standby
4 position,
5 said movable blade is pushed to said slope by said
6 spring mechanism, moves along said slope, and contacts to said
7 side surface of said stationary blade.

1 15. (Newly Added) The printer of claim 6,
2 wherein a sheet outlet port is formed at a space between

3 an end of said storage space and an inner surface of said cover,.
4 said printing sheet stored in said storage space flows
5 said sheet outlet port and said printing section, and
6 said printing sheet is cut by said first sheet cutting
7 mechanism and said second cutting mechanism.

1 16.(Newly Added) A method for cutting a printing
2 sheet of a printer, comprising the steps of:

- 3 (a) supplying a printer of claim 1,
4 (b) opening said cover, and setting a printing sheet in
5 said storage space,
6 (c) closing said cover,
7 (d) flowing said sheet through said printing section, and
8 through a space between said main body and said cover,
9 (e) moving at least one of said first sheet cutting
10 mechanism and said second sheet cutting mechanism.

1 17.(Newly Added) The method for cutting a printing
2 sheet of claim 16,

3 wherein at said step (c), said second sheet cutting
4 mechanism installed opposing said first sheet cutting, when said
5 cover is closed,

6 at said step (d), said printing sheet stored in said
7 storage space flows said printing section, and

8 at said step (e), said printing sheet is cut by said first
9 sheet cutting mechanism and second sheet cutting mechanism.

1 18.(Newly Added) The method for cutting a printing
2 sheet of claim 16,

3 wherein said first sheet cutting mechanism has a
4 stationary blade fixed to said cover, and has a length longer than
5 the width of said printing paper,

6 said second sheet cutting mechanism has movable blade
7 movably disposed in said main body,

8 said step (e) includes the step of moving said movable
9 blade along said stationary blade, and cutting said printing sheet by
10 said stationary blade and said movable blade.

- 1 19.(Newly Added) The method for cutting a printing
2 sheet of claim 16,
3 wherein at said step (c), said movable blade is placed at
4 a place separated from an end of said stationary blade and from
5 said side surface of said stationary blade, when said movable blade
6 is stood still at said standby position,
7 at said step (e), said movable blade moves along a side
8 surface of said stationary blade, while said printing sheet is place
9 between said movable blade and said stationary blade, and said
10 printing sheet is cut.
- 1 20.(Newly Added) The method for cutting a printing
2 sheet of claim 16,
3 wherein second sheet cutting mechanism further
4 includes a spring mechanism,
5 at said step (e), said spring mechanism pushes said
6 movable blade to said side surface, when said movable blade
7 moves.

IN THE ABSTRACT:

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ABSTRACT

The present invention simplifies the operation to set the printing sheet in the printer. The present invention includes main body, storage space for printing sheet, which is disposed in the main body and having a top opening, cover which is installed at the top opening of the storage space and can be freely opened and closed, printing sheet stored in the storage space, sheet outlet port formed between the opening end of the cover and the storage space wall opposing thereto, printing section disposed below the sheet outlet port, and sheet cutting means disposed below the printing section, wherein the sheet cutting means includes stationary blade disposed on the opening end of the cover located below the printing section, and movable blade disposed on the main body portion opposing to the stationary blade.

Respectfully Submitted,

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